JAVA.IO.FILEOUTPUTSTREAM CLASS

Introduction

The **java.util.FileOutputStream** class is an output stream for writing data to a *File* or to a *FileDescriptor*.Following are the important points about FileOutputStream:

- This class is meant for writing streams of raw bytes such as image data.

- For writing streams of characters, use *FileWriter*

Class declaration

Following is the declaration for **java.util.FileOutputStream** class:

```
public class FileOutputStream
    extends OutputStream
```

Class constructors

S.N.	Constructor & Description
1	**FileOutputStream(File file)** This creates a file output stream to write to the file represented by the specified *File* object.
2	**FileOutputStream(File file, boolean append)** This creates a file output stream to write to the file represented by the specified File object.
3	**FileOutputStream(FileDescriptor fdObj)** This creates an output file stream to write to the specified file descriptor, which represents an existing connection to an actual file in the file system.
4	**FileOutputStream(String name)** This creates an output file stream to write to the file with the specified name.
5	**FileOutputStream(String name, boolean append)** This creates an output file stream to write to the file with the specified name.

Class methods

S.N.	Method & Description
1	void close() This method closes this file output stream and releases any system resources associated with this stream.
2	protected void finalize() This method cleans up the connection to the file, and ensures that the close method of this file output stream is called when there are no more references to this stream.

3	FileChannel getChannel()
	This method returns the unique FileChannel object associated with this file output stream.
4	FileDescriptor getFD()
	This method returns the file descriptor associated with this stream.
5	void write(byte[] b)
	This method writes *b.length* bytes from the specified byte array to this file output stream.
6	void write(byte[] b, int off, int len)
	This method writes *len* bytes from the specified byte array starting at offset off to this file output stream.
7	void write(int b)
	This method writes the specified byte to this file output stream.

Methods inherited

This class inherits methods from the following classes:

- java.util.OutputStream

- java.util.Object